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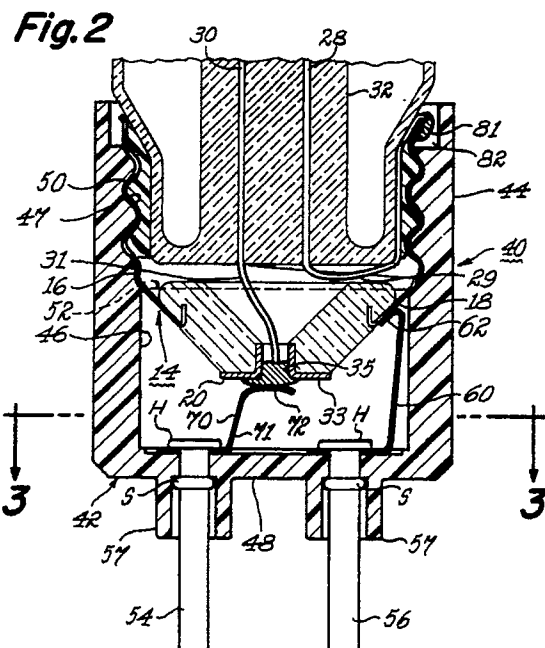
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(54) Means for converting a lamp with a screw-type base into a lamp with a bi-pin base.

(57) For converting a lamp with a screw-type base into a lamp with a bi-pin base, there is provided a cup-shaped adapter of electrical insulating material comprising a tubular body containing a bore that has internal threads threadedly receiving the external threads on the usual metal shell of the screw-type base. The adapter further comprises an end wall extending across the bore at one end of the tubular body and carrying two conductive pins extending through the end wall in laterally-spaced relation. First conductive means within the adapter connected to one pin has a free end that engages the usual coniform end of the metal shell when the base is threaded into said bore, thereby establishing an electrical connection between the metal shell and said one pin. Second conductive means connected to the other pin establishes an electrical connection between the usual eyelet of the base and the other pin when the base is threaded into said bore.



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## EUROPEAN SEARCH REPORT

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EP 90 10 5282

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X,Y	US-A-1 946 786 (MARION L. FEATHERSTON) * the whole document * - - - -	1,4,10	H 01 R 33/94
X,Y	US-A-1 335 935 (WILLIAM J. CAMERON) - - - -	1,4,10	
A	US-A-2 385 478 (A. G. STEINMAYER) * the whole document * - - - -	1,4,10	
A	DE-A-3 016 328 (VOSSLOH - WERKE GMBH) * page 8, line 4 - page 10; figures 1-6 * - - - -	2-6,9,10, 13,14	
Y,A	EP-A-0 261 722 (N. V. PHILIPS GLOEILAMPEN-FABRIEKEN) * column 3, line 21 - column 4, line 29; figures 1,2 * - - - -	4,10,14	
Y	US-A-3 906 272 (COLLINS ET AL.) * column 4, line 8 - column 5, line 22; figure 3 * - - - - -	10	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 R H 01 J
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		15 October 91	TAPPEINER R.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			